Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate |  |
| Name |  |\(\left|\begin{array}{l}ION Digital Zone iDZ Gram Raigawan Near Patan \\

\hline Venue Name \\

Bypass\end{array}\right|\)| Exam Date | 19/07/2022 |
| :--- | :--- |
| Exam Time | 9:00 AM - 10:30 AM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section: General English

Q. 1 Select the most appropriate meaning of the given idiom.

A gut feeling
Ans

1. False attempt
2. An instinct or intuition

X 3. A liability
X4. A suppressed feeling
Q. 2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

New fashion trends / come onto the / scene periodically.
Ans
$X 1$. come onto the
X 2. New fashion trends
X 3. scene periodically
4. No error
Q. 3 Select the most appropriate option to fill in the blank.

The weather patterns $\qquad$ that we will have a winter season, perhaps a good one.
Ans
$X 1$. suggests
$\times 2$. has suggested
2. suggest
$X 4$. have been suggested
Q. 4 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Most of the families in / my research rely at phone calls / for almost all of their communication.
Ans
X 1. for almost all of their communication
X 2. No error
3. Most of the families in
4. my research rely at phone calls
Q. 5 Select the option that can be used as a one-word substitute for the given group of words.

## A place for breeding and keeping birds

Ans

1. Kennel
2. Aviary
3. Apiary
4. Den
Q. 6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'

My son has been sleeping for twelve hours at a stretch.
1 . is been sleeping
2. were sleeping
3. have been sleeping
4. No improvement required
Q. 7 Select the most appropriate option to fill in the blank.

Smoking is $\qquad$ in my office building.
Ans

1. banned
2. bend
3. band
4. bated

## Q. 8 Select the correctly spelt word.

Ans
X1. Experienses
2. Immersive
3. Institutionalsed
4. Tremandous
Q. 9 Select the most appropriate synonym of the underlined word.

Our company wants to collaborate with your team.
Ans
X 1. Repel
X 2. Defy
X 3. Captivate
4. Collude
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

The action of using someone or something as a model
Ans
X 1. Magic
X 2. Foundation
3. Imitation

X 4. Caption
Q. 11 Select the INCORRECTLY spelt word.

Ans
X 1. Local
2. Vehical

X 3. Focal
X 4. Vocal

## Q. 12 Select the most appropriate meaning of the given idiom.

Go the extra mile
Ans
X 1. Overwhelming the competitors
2. Going in search of something better
3. Going above and beyond whatever is required for the task at hand
4. Wasting time in unnecessary efforts
Q. 13 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My friend Jatin usually wears a spectacle.
Ans

1. My friend Jatin
2. usually wears
3. a spectacle

X4. No error
Q. 14 Select the most appropriate synonym of the given word.

## Polished

Ans
X 1. Crude
X 2. Paramount
X 3. Boring
4. Cultured
Q. 15 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required.'

The main road was entirely blocked till the time the cranes move the damage vehicles.
Ans
X 1. No substitution required
2. moved the damaged

X 3. moving the damage
4. moves the damaged
Q. 16 Select the most appropriate ANTONYM of the given word.

Scold
Ans
X 1. Nag
2. Praise

X 3. Alarm
X 4. Avoid
Q. 17 Select the most appropriate ANTONYM of the given word.

Irrational
Ans
$X$ 1. Gloomy
2. Illogical
3. Reasonable
4. Peaceful
Q. 18 Select the most appropriate ANTONYM of the given word

## Divergence

Ans

1. Dissonance
2. Separation
3. Departure
4. Confluence
Q. 19 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Doctor Bayley tripped under some large roots and cuts her head on a rock.
Ans

1. No improvement required
2. tripped over some large roots and cut

X 3. tripped over and above some large roots and cut
4. tripped upon some larger roots and cuts
Q. 20 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.l didn't saw any. point in spending money on new clothes.
Ans
X 1. didn't seen any
X 2. don't sees any
X 3. No improvement required
4. didn't see any

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Regular check-ups are (1)___ for a car's top-notch performance, but did you know that there
is a direct link (2) $\qquad$
$\qquad$ efficient and your car health and its its emissions? A well-maintained car engine is pressure (5) always match the manufacturer-recommended Pounds Per Square Inch (PSI) rating.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
X 1. trivial
2. nominal
3. acute
4. vital

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Regular check-ups are (1)___ for a car's top-notch performance, but did you know that there is a direct link (2)_your car health and its emissions? A well-maintained car engine is (3) $\qquad$ efficient pressure (5 $\qquad$ always match the manufacturer-recommended Pounds Per Square Inch (PSI) rating

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans
$\times 1$. along
< 2. among
3. between
4. across

## Comprehension

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Regular check-ups are (1)___ for a car's top-notch performance, but did you know that there is a direct link (2)__ your car health and its emissions? A well-maintained car engine is (3) your car health reducing airborne emissions. Secondly, tyre pressure (5) $\qquad$ always match the manufacturer-recommended Pounds Per Square Inch (PSI) rating.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank number 3.

Ans
$X$ 1. many
X 2 . such
X 3. few
4. more

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Regular check-ups are (1)___ for a car's top-notch performance, but did you know that there is a direct link (2)__your car health and its emissions? A well-maintained car engine is (3)___ efficient and burns less gas, (4)___ reducing airborne emissions. Secondly, tyre pressure (5)___ always match the manufacturer-recommended Pounds Per Square Inch (PSI) rating.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank number 4.

Ans
$X 1$. hereby
$X$ 2. yet
3. thereby

X 4. though

## Comprehension

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Regular check-ups are (1)___ for a car's top-notch performance, but did you know that there is a direct link (2)__ your car health and its emissions? A well-maintained car engine is (3) efficient and burns less gas, (4) reducing airborne emissions. Secondly, tyre pressure (5 $\qquad$ always match the manufacturer-recommended Pounds Per Square Inch (PSI) rating

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank number 5.

Ans
$X 1$. have to
X 2. lest

- 3. must

X4. would

Section: General Intelligence and Reasoning
Q. 1 Select the number from among the given options that can replace the question mark (?) in the following series.
$6,24,60,120,210, ?$
Ans

1. 336
2. 322
$\times 3.343$
$\times 4.432$
Q. 2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

WXYZ, YZWX, ABUV, CDST, ?
Ans
X 1.ABQR
2. EFQR

X 3.EFGR
X4.EFUV
Q. 3 In a certain code language, 'BRAVE' is written as '43' and 'BOTH' is written as '41'. How will 'ABACUS' be written in that code language?
Ans
$\times 1.43$
$\times 2.47$

- 3.41
$\times 4.31$
Q. 4 Select the number from among the given options that can replace the question mark (?) in the following series.

264, 288, 312, ?, 360, 384
Ans
$\times 1.324$
X2. 348
X 3.342

- 4.336
Q. 5 Nine people, A, B, C, D, E, F, G, H, and I, are sitting in a row facing south. E sits in the middle. Three people sit between $E$ and $G$. Six people sit between $G$ and $B$. Three people sit between $B$ and $A$. $F$ sits second to the right of $A$. I sits fourth to the left of $F$. I and $E$ are not immediate neighbours. $B$ and $C$ are not neighbours. $H$ sits to the right of D. Who is sitting fourth to the right of $\mathbf{G}$ ?

Ans
X1.A
2. E

X3.F
X4.C
Q. 6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

FROWN N P G E
Ans
-อ ИI И W OR F
*2 И И И М О ヲ Я
**อ ИI И WOR
-อ ИI И W О Я ヲ
Q. 7 Which two numbers (NOT digits) should be interchanged to make the following equation correct?
$26 \div 2+13 \times 6-4=10$
Ans

1. 13 and 4
2. 2 and 13
3. 2 and 10
4. 2 and 4
Q. 8 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.

Cup : Coffee :: Glass : Juice :: Bowl : ?
Ans
X 1. Knife
2. Soup

X 3. Spoon
4. Dish
Q. 9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

All cookies are sweet.
Some sweets are snacks.
Conclusions:
I. All sweets are cookies.
II. All cookies are snacks.

Ans

1. Neither conclusion I nor II follows.
2. Both conclusions I and II follow.

X 3. Only conclusion II follows.
X 4. Only conclusion I follows.
Q. 10 Select the option in which the numbers are related in the same way as are the numbers in the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
$(16,18,20)$
(17, 19, 21)
Ans

1. $(64,66,68)$
< 2. $(24,26,30)$
X $3 .(28,30,26)$
X 4. $(36,40,42)$
Q. 11 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given letter-clusters.

RN: UQ
Ans
X 1. LA: OX
X 2. TG:WL
2. KR : NU

X4.PN:SR
Q. 12 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

$\times 2$

$\times 3$

4.

Q. 13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

I. No B is A.
II. No $C$ is $B$.

Conclusions:
I. No C is $A$.
II. No $A$ is $B$.
III. Some $B$ are not $C$.

Ans
X 1. Both conclusions I and II follows
X 2. Only conclusion III follows

- 3. Both conclusions II and III follows

X 4. None of the conclusions follow
Q. 14 In a certain code language, 'HELP' is coded as ' 851216 ' and 'GRAN' is coded as ' 718114 '. How will ' $F O M S$ ' be coded in that language?

Ans
$\times 1.6511319$
$\times 2.615139$
$\times 3.6141319$

- 4.6151319
Q. $15 \mathrm{~S}, \mathrm{~T}, \mathrm{U}, \mathrm{V}$ and W are sitting around a circular table facing the centre (but not necessarily in the same order). $S$ is the immediate neighbour of $T$ and $W$. $U$ is to the immediate right of T. V is the immediate neighbour of $U$ and $W$. Who is sitting to the immediate left of $S$ ?

Ans
$\times 1$. V
2. W

X $3 . \mathrm{U}$
4. T
Q. 16 The height of five students, Aakriti, Kiran, Lisa, Manisha and Rekha, are compared. The height of Kiran is more than only two students. The height of Manisha is immediately greater than Rekha, and Rekha is immediately greater than Kiran. How many students are taller than Rekha?
Ans
X 1. Four
2. Two

X 3. Three
4. One
Q. 17 In a certain code language, if blue is called pink, pink is called yellow, yellow is called orange, orange is called red, and red is called violet, then what is the colour of sunflower?

Ans

1. Orange
2. Red
3. Pink
4. Yellow
Q. 18 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given letter-clusters.

TAP : JUN
Ans
X1.DOC:JUI
2. FED: XYZ

X 3. TXA: VRY
X 4. KIB : VEE
Q. 19 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(3,5,30)$
$(6,5,60)$
Ans
X $1 .(4,6,38)$
2. $(6,7,84)$
$\times 3 .(4,7,28)$
$\times 4 .(3,9,44)$
Q. 20 Select the option in which the given figure is embedded as its part (rotation is NOT allowed).


Ans

$\times 4$

Q. 21 What will come in the place of '?' in the following equation, if ' + ' and ' $\times$ ' are interchanged and also ' - ' and ' $\div$ ' are interchanged?
$1 \times 14+30-20 \div 10=?$
Ans
$\times 1.43$
$\times 2.21$
$\times 3.39$
4. 12
Q. 22 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans


Q. 23 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

Q. 24 If \&@\$! = 8213 and $\& \% \#=860$, then what is \%\#\&\$ ?

Ans
X 1.6801
2. 6081
$\times 3.6810$
X4.6018
Q. 25 Select the figure from the given options that can replace the question mark (?) in the following series.


Ans


## Section : Numerical Aptitude

Q. 1 What is the value of $-19+11-5-(1 \div 8)$ of 32 ?

Ans

1. -17
$\times 2.17$
$\times 3.19$
X4. -19
Q. 2 A work that could be completed in 10 days was completed in 8 days as 5 more men joined at the start of work. What was the total number of men before the 5 men joined?

Ans
$\times 1.18$
$\times 2.10$
$\checkmark$ 3. 20
$\times 4.12$
Q. 3 The average of $\mathrm{X}, \mathrm{Y}$ and Z is 2 X . If the average of Y and Z is 20 , then what is the value of X ?

Ans
$\times 1.6$
2. 8

X 3.10
$\times 4.5$
Q. 4 A merchant bought 60 sheep at $₹ 120$ per sheep. He sold 40 of them at $₹ 150$ each. Another 10 of the sheep died. What should be the selling price of the remaining sheep, if he wants a total profit of ₹ 800 ?

Ans
X 1. ₹ 150
2. ₹ 180
× 3. ₹250
4. ₹200
Q. 5 The following table shows the number of cars of 6 different brands on the roads during a given year.

| Brand | Cars |
| :---: | :---: |
| B1 | 2000 |
| B2 | 2200 |
| B3 | 2700 |
| B4 | 1800 |
| B5 | 1300 |
| B6 | 3000 |

The cars of brand B2 are what percentage of the number of cars of all the 6 given brands taken together? [Give your answer correct to 2 decimal places.]
Ans

1. 11.43\%
2. $16.92 \%$
×. $19.81 \%$
3. $13.85 \%$
Q. 6 What distance will be covered by a car moving at $72 \mathrm{~km} / \mathrm{h}$ in 10 seconds?

Ans

- 1. 200 m
×2. 50 m
X 3. 20 m

4. 100 m
Q. 7 The volume of a right circular cone is $196 \pi \mathrm{~cm}^{3}$. If the area of its base is $154 \mathrm{~cm}^{2}$, what is the vertical height of the cone? [Use $\pi=\frac{22}{7}$ ]

Ans

1. 10 cm
2. 12 cm
3. 14 cm
4. 16 cm
Q. 8 If 90 is increased by $\mathrm{x} \%$, then it becomes 117 . What is the value of x ?

Ans
$\times 1.20$
2. 30

X 3. 15
X4. 25
Q. 9 The area of a circle is $15400 \mathrm{~cm}^{2}$. What is the positive difference between the radius and the circumference of the circle? [Use $\pi=\frac{22}{7}$ ]

Ans
X 1. 410 cm
2. 370 cm
$\times 3.330 \mathrm{~cm}$
$\times 4.420 \mathrm{~cm}$
Q. 10 In a class of 50 students and 6 teachers, each student got a number of chocolates that is equal to $16 \%$ of the total number of students, and each teacher got a number of chocolates that is equal to $12 \%$ of the total number of students. How many chocolates were there in total?
Ans

1. 436
2. 420

X3. 360
4. 450
Q. 11 A vendor mixed two varieties of rice costing ₹ 60 per kg and ₹ 45 per kg in the ratio $3: 7$. If he sells the mixed variety at $₹ 65$ per kg, then what is his gain percentage? [Give your answer correct to two decimal places.]

Ans

1. $31.31 \%$
2. $15.5 \%$
3. $49.5 \%$
4. $5.5 \%$
Q. 12 If a person goes from home to his college at a speed of $12 \mathrm{~km} / \mathrm{h}$, he reaches 7 minutes early. If he goes at a speed of 8 $\mathrm{km} / \mathrm{h}$, he reaches 14 minutes late. What is the distance between his home and his college?

Ans
$\times 1.9 .2 \mathrm{~km}$
$\times 2.9 .6 \mathrm{~km}$
3. 8.4 km
4. 7.6 km
Q. 13 If the total simple interest received on a sum for 25 years is $\frac{5}{8}$ of the principal, what is the rate of simple interest paid per annum?

Ans

1. $2.5 \%$
<2. $2 \%$
$\times 3.3 .5 \%$
X4. $3 \%$
Q. 14 The average of $\mathrm{X}, \mathrm{Y}$ and Z is 52 . The average of X and Y is 48 . The average of Y and Z is 60 . What is the value of Y ?

Ans
X1. 56
$\times 2.48$
3. 60
4. 54
Q. 15 A man divides $₹ 1,100$ among three kids in the ratio $\frac{1}{2}: \frac{2}{5}: \frac{3}{4}$. What is the share of the kid who got the maximum share?

Ans

1. ₹500
$\times 2$ ₹ 600
(3. ₹ 750
2. ₹800
Q. 1635 girls can complete a piece of work in 12 days. If 5 fewer girls are put on the work, in how many days can they complete the work?

Ans

1. 12
2. 15

X 3. 13
4. 14
Q. 17 Select the number that will come in place of the question mark (?) in the following mathematical statement
$\frac{12}{15}$ of $40 \%$ of $1800=? \times 480$
Ans

1. 1.2
2. 0.9
$\times 3.1 .05$
3. 0.8
Q. 18 The selling price of a pen is ₹ 660 . If the profit is $20 \%$, then what is the nominal profit earned on the sale of the pen?

Ans

1. ₹ 110
2. ₹ 130
3. ₹ 140
4. ₹90
Q. 19 The marked price of a bottle is ₹ 2,600 . Two successive discounts of $10 \%$ and $30 \%$ are given. What is the selling price?

Ans
X 1. ₹ 1,768
X 2. ₹ 1,458
3. ₹ 1,518
4. ₹ 1,638
Q. $20 ₹ 15,000$ is lent for one year at the rate of $20 \%$ per annum, the interest being compounded annually. If the compounding of the interest is done half- yearly, then how much more interest will be obtained at the end of the one-year period on the same initial sum?
Ans

1. ₹ 250
2. ₹200
3. ₹150
4. ₹ 180
Q. 21 The lengths of the parallel sides of a trapezium are 10 cm and 20 cm . If the distance between these parallel lines is 5 cm , then what is the area of the trapezium?
Ans
5. $50 \mathrm{~cm}^{2}$
6. $60 \mathrm{~cm}^{2}$

X 3. $45 \mathrm{~cm}^{2}$

- 4. $75 \mathrm{~cm}^{2}$
Q. 22 What is the largest two-digit number that is divisible by both 7 and 3 ?

Ans
$\times 1.91$
2. 96
3. 63
4. 84
Q. 23 Study the given graph and answer the question that follows.

The graph shows the average height $(\mathrm{in} \mathrm{cm})$ of the boys and the girls of five classes in a school.


If the numbers of girls and the numbers of boys in Class $C$ are equal, then what is the combined average height of all the students of Class C, taken together?
Ans

1. 150 cm
2. 140 cm
3. 135 cm
4. 145 cm
Q. 24 If $24 \mathrm{X}+24 \mathrm{Y}=192$, then what is the average of X and Y ?

Ans
$\times 1.2$
2. 6
3. 4
4. 8
Q. 25 The following bar graph shows the number of votes for favourite pizza toppings.


Of all the votes, what is the percentage of the votes for pepperoni?
Ans
$\times 1.0 .325 \%$

- 2. $325 \%$

X 3. $3.25 \%$
4. $32.5 \%$

Section : General Awareness
Q. 1 Which famous Rashtrakuta king built the rock-cut temple of Kailash at Ellora?

Ans
X 1. Bhoja
X 2. Govinda III
3. Rashtrakuta King Krishna I

X 4. Jai Chand
Q. 2 Commercial banks keep their deposits with RBI. These deposits are called $\qquad$ -.

Ans
X 1. liability
X 2. loans
3. inheritance
4. reserves
Q. 3 Pandit Rajendra Gangani is associated with which classical dance of India?

Ans
Х 1. Manipuri dance
2. Kathak dance
3. Odissi dance
4. Sattriya dance
Q. 4 With which musical instrument was Ustad Bismillah Khan associated?

Ans

1. Shehnai
$\times 2$. Sitar
2. Guitar
3. Santoor
Q. 5 The popular style of temple architecture in northern India is called $\qquad$ .
Ans $\times$ 1. Panchayatana
4. Nagara
5. Shikara
6. Dravida
Q. 6 Who took oath as the 28th Chief Minister of Punjab in March 2022?

Ans

1. Bhagwant Mann
2. Charanjit Singh Channi
3. Parkash Singh Badal
4. Amarinder Singh
Q. 7 Which of the following statements is INCORRECT?

Ans $\times 1$. Electric charge is a scalar quantity.
X 2. Protons are positively charged.
X . Electrons are negatively charged.
4. Electric charge is a vector quantity.
Q. 8 In which year did the Mughal Emperor Shah Alam II appoint the East India Company as the Diwan of Bengal?

Ans
$\times 1.1758$
X2. 1755
$\times 3.1760$
4. 1765
Q. 9 The Sattriya dance has developed from the monasteries of:

Ans
$X 1$. West Bengal
X 2. Ladakh
3. Assam
4. Tripura
Q. 10 Which of the following is NOT a reason for slowing down of the Non-cooperation Movement?

Ans
X 1. Due to the absence of alternative Indian institution, boycott of British institutions posed a problem.

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        2. Leaders of the movement shifted their focus towards domestic work thus created a
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    void.
    3. Many lawyers resigned but then absence of income for a longer period of time compelled them to rejoin.
X 4. Khadi cloth was often more expensive than mass-produced mill cloth and poor people could not afford to buy it.
Q. 11 Amoeba acquires its food through the process of $\qquad$ .
Ans
X 1. photosynthesis
4. diffusion
5. endocytosis
6. exocytosis
Q. 12 The part of the Himalayas lying between Satluj and Kali rivers is known as $\qquad$ .
Ans
7. Himachal Himalayas
8. Kumaon Himalayas
9. Punjab Himalayas
10. Kashmir Himalayas
Q. 13 Which of the following is NOT a pair of micronutrients?

Ans
$X$ 1. lodine and minerals
2. Calcium and fats
3. Minerals and iron
4. Iodine and iron
Q. 14 Half of India's population lives in just five states. Which of the following is one of those states?
Ans
X 1. Uttarakhand
X 2. Kerala
X 3. Gujarat4. West Bengal
Q. 15 The largest dam in India, the Hirakud Dam, is built on which of the following rivers?

Ans
X 1. Tapi
2. Godavari
3. Kaveri
4. Mahanadi
Q. 16 Which team has won the season 8 of Pro Kabbadi league?

Ans
X 1. Patna Pirates
2. Dabang Delhi KC
3. UP Yoddha
4. Bengaluru Bulls
Q. 17 Who among the following won the Formula One 2022 Bahrain Grand Prix?

Ans

1. Charles Leclerc

Х 2. Lewis Hamilton
X 3. Max Verstappen
X 4. Carlos Sainz Jr.
Q. 18 Which of the following Indian festivals celebrates the death of the demon king Ravana at the hands of Lord Rama?
Ans
X 1. Navratri
2. Dussehra
$\times$ 3. Diwali
4. Holi
Q. 19 What is the name of the DIGI-book launched by NITI Aayog's Atal Innovation Mission (AIM)?
Ans

1. Innovations For You
2. Innovations and You

X 3. Innovations For All
4. Innovations for Youth
Q. 20 Tendulkar Methodology is associated with the estimation of $\qquad$ in India.
Ans

1. unemployment

X 2. population size
3. poverty
4. national income
Q. 21 Ashoka fought a war to conquer Kalinga. Kalinga was the ancient name of coastal

Ans
X 1. Madras
2. Orissa

X 3. Bombay
X 4. Bengal
Q. 22 What is the meaning of the term Moraine?

Ans
X 1. Melting of accumulated snow
2. Material transported and deposited by glacier

X 3. Valley with vertical sides and wide floor
X 4. The higher level tributary
Q. 23 Who is the author of the book 'Train to Pakistan'?

Ans
X 1. Mulk Raj Anand
2. Khushwant Singh

X 3. Amitav Ghosh
X4. Shashi Tharoor

## Q. 24 Which of the following is a Fundamental Right?

Ans
Х 1. Right to fundamental duties
X 2. Right to elect
3. Right to information
4. Right to constitutional remedies
Q. 25 Which of the following states has one house in its state legislature?

Ans
X 1. Karnataka
2. Gujarat
3. Andhra Pradesh
4. Maharashtra


## Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | Yagyavalkya Institute of Technology |
| Exam Date | 19/07/2022 |
| Exam Time | 1:00 PM - 2:30 PM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section : General English

Q. 1 Select the most appropriate ANTONYM of the given word.

Glad
Ans
$X 1$. Cheery
X 2. Delighted
3. Gloomy

X 4. Joyous
Q. 2 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

The novels of Jane Austen give us a a glimpse into the world of women.
Ans
$X$ 1. gave them the
2. given us a
$X$ 3. gives us a
4. No improvement required
Q. 3 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Caramel is made from several thousand compounds, making it one of the much complex food products.

Ans
X 1. Caramel is made from several
2. No error
3. thousand compounds, making it one of
4. the much complex food products
Q. 4 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It were so painful / to give up / my last hope.
Ans
$\times 1$. to give up
2. It were so painful

Х 3. my last hope
<4. No error
Q. 5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Their are numerous / buildings outside our / school premises.

Ans
Х 1. school premises
X 2. buildings outside our
3. Their are numerous
<4. No error
Q. 6 Select the most appropriate synonym of the given word.

Bloom
Ans

1. Flower

X 2. Fade
> 3. Drop
44. Wither
Q. 7 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Drink a mixture of wormwood oil and olive oil to got rid of worms.
Ans
Х 1. No improvement required
$\times 2$ 2. to rid off
3. to getting rid by
4. to get rid of
Q. 8 Select the most appropriate meaning of the given idiom.

A piece of cake
Ans $\quad \times 1$. A hidden enemy
$\times 2$. A dangerous situation
3. A very easy task
$X 4$. A thoughtful mind

## Q. 9 Select the most appropriate meaning of the given idiom.

Drop in the bucket
Ans
X 1. An extreme overreaction to something very small or insignificant
$\times 2$. To be involved in or be a part of something great or revolutionary
3. Something small and unimportant, especially when compared with something else
4. An alarming or unexpected announcement, especially an unpleasant one
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

A non-professional who is inept at a particular activity
Ans $\quad \times 1$. Expert
2. Amateur

X 3. Director
X 4. Fatalist
Q. 11 Select the most appropriate ANTONYM of the underlined word.

Strenuous exercise can result in muscle pain.
Ans
X 1. Irksome
$\times$ 2. Impelling
$\times 3$. Aggressive
4. Effortless
Q. 12 Select the most appropriate ANTONYM of the given word.

## Relapse

Ans
X 1. Warrant
2. Improve
$\times 3$. Pine
X 4. Validate
Q. 13 Select the option that can be used as a one-word substitute for the given group of words.

Having a common centre, as circles or spheres

Ans
X 1. Cylindrical
2. Concentric

X 3. Elliptical
$X$ 4. Centrifugal
Q. 14 Select the most appropriate option to fill in the blank.

Please sit down and have breakfast $\qquad$ us.
Ans

1. with
$X 2$. to
$X 3$.at
$\times 4$. on
Q. 15 Select the most appropriate synonym of the underlined word in the given sentence.

My most vivid recollection of last summer is the ocean.
Ans
$X$ 1. vague
X 2. composed
3. lucid
$\times$ 4. blurry
Q. 16 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Both of mine child passed the examination successfully.
Ans

1. my children passed
$\times 2$. our children passes
$X$ 3. No improvement required
X 4. my child pass
Q. 17 Select the correctly spelt word.

Ans
X 1. Precurser
2. Acknowledge

X 3. Religiocity
X 4. Anceistors
Q. 18 Select the option that can be used as a one-word substitute for the given group of words.

One who can use either hand with ease
Ans
X 1. Gregarious
$\times 2$. Virtuoso
X 3. Pedantic
4. Ambidextrous

## Q. 19 Select the correctly spelt word.

Ans

1. Continent
$\times 2$. Contienent
$X$ 3. Contenant
$X$ 4. Conttinent
Q. 20 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Bring me the finest dress from an finest shop.
Ans

1. from the finest

2 2. of the finer
X 3. No improvement required
$\times 4$. through a finer

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Latin may be the language that we (1) $\qquad$ with the Roman Empire, but the uestion of (2) the Romans spoke Latin or not (3) $\qquad$ not have a simple answer. Rome grew from a tiny community in the middle of a culturally diverse peninsula into an empire that reached (4) $\qquad$ Britain to Syria. As Rome's power spread, Romans also interacted with
(5) $\qquad$ of dozens of other languages

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
>1. delink
X 2. remind
3. associate

X4. imply

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Latin may be the language that we (1) $\qquad$ with the Roman Empire, but the uestion of (2) the Romans spoke Latin or not (3) $\qquad$ not have a simple answer. Rome grew from a tiny community in the middle of a culturally diverse peninsula into an empire that reached (4) $\qquad$ Britain to Syria. As Rome's power spread, Romans also interacted with
(5) $\qquad$ of dozens of other languages

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans

1. whether
<2. did
X 3.do
$\times 4$. either

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Latin may be the language that we (1) $\qquad$ with the Roman Empire, but the uestion of (2) the Romans spoke Latin or not (3) $\qquad$ not have a simple answer. Rome grew from a tiny community in the middle of a culturally diverse peninsula into an empire that reached (4) $\qquad$ Britain to Syria. As Rome's power spread, Romans also interacted with (5) $\qquad$ of dozens of other languages

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank number 3.

Ans
$\times 1$. do
$X 2$. should
3. does
$\times 4$. done

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Latin may be the language that we (1) $\qquad$ with the Roman Empire, but the uestion of (2) the Romans spoke Latin or not (3) $\qquad$ not have a simple answer. Rome grew from a tiny community in the middle of a culturally diverse peninsula into an empire that reached (4) ___ Britain to Syria. As Rome's power spread, Romans also interacted with (5) $\qquad$ of dozens of other languages

## SubQuestion No: 24

Q. 24 Select the most appropriate option to fill in blank number 4.

Ans
$\times 1$. both
$\times 2$. of
$\times 3$. between

- 4. from


## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Latin may be the language that we (1) $\qquad$ with the Roman Empire, but the uestion of (2) ___ the Romans spoke Latin or not (3) $\qquad$ not have a simple answer. Rome grew from a tiny community in the middle of a culturally diverse peninsula into an empire that reached (4) $\qquad$ Britain to Syria. As Rome's power spread, Romans also interacted with (5) $\qquad$ of dozens of other languages

SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank number 5.

Ans
$\times 1$. capitals
2. speakers

Х 3. principals
<4. sleepers

## Section: General Intelligence and Reasoning

Q. 1 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

7: 42 :: ? : 110 :: 9 : 72
Ans
$\times 1.8$
$\times 2.6$
$\times 3.12$

- 4.11
Q. 2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
$(16,4,8)$
$(12,2,12)$
Ans
X 1. $(20,2,8)$
$\times 2 .(18,8,3)$
- 3. $(28,7,8)$

X4. $(32,3,10)$
Q. 3 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GOOD : CKKZ :: BEST : XAOP :: COOL : ?
Ans
X 1. YJJH
X 2. WKKH
X 3. YKKI
4. YKKH
Q. 4 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans
$\times 1$.

$\times 2$.

$\times 3$.


- 4. 


Q. 5 In a certain code language, 'Homonym is antonym' is coded as '\# kr pg', and 'Antonym are synonym' is coded as 'Im pg 6'. What is the code for 'Antonym' in that language?
Ans
X1.\#
X 2. kr
X 3.1 m
4.pg
Q. 6 Select the letter from among the given options that can replace the question mark (?) in the following series.

D, F, I, ?, R, X
Ans
$\times 1.0$
2. M
$\times 3 . \mathrm{L}$
$\times 4 . \mathrm{N}$
Q. 7 Among seven sisters Anu, Barsha, Champa, Disha, Emma, Farheen and Geeta; Barsha is elder than only four other sisters. Champa is elder than Disha. Anu is elder than Farheen. Emma is elder than one person only, that is Geeta, who is the youngest among all sisters. Barsha is elder than Anu. Given that no two sisters have the same age, find out who is the eldest sister.
Ans

1. Champa
$X$ 2. Disha
$\times 3$. Farheen
$\times 4$. Anu
Q. 8 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RO : WJ :: PJ : ?
Ans
X1. UF
X 2. VF
X 3. VE

- 4. UE
Q. 9 Select the number from among the given options that can replace the question mark (?) in the following series.

425, 442, 459, 476, ?
Ans
$\times 1.482$
$\times 2.503$

- 3.493
$\times 4.498$
Q. 10 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans

Q. 11 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 12 Select the option that can replace the question mark (?) in the given figure and complete the pattern.


Ans

Q. 13 In a certain code language, 'ROMKSG' is written as 'SQPJQD', and 'PNDABC' is written as 'QPGZZZ'. How will 'QJLMTF' be written in that language?

Ans
X1.RLOLSC
X 2. RLLORC
X 3. RLLOSC

- 4. RLOLRC
Q. 14 Four boys $A, R, K$ and $M$ are sitting in a row facing the North (but not necessarily in the same order) and four girls $P, Q, L$ and $B$ are sitting in a row facing these boys (but not necessarily in the same order). $B$ is second to the right of $P$. $K$ and $A$ are at the ends. $P$ is at one of the ends. $K$ is at the left end of the row. One boy is sitting between $A$ and R.

If $Q$ is at one of the ends, then who is $L$ facing?
Ans
$\times 1$. K
2. M
$\times 3 . \mathrm{A}$
$\times 4$. R
Q. 15 What will come in the place of '?' in the following equation, if ' + ' and ' - ' are interchanged and also ' $x$ ' and ' $\div$ ' are interchanged?
$42+10 \times 5-9 \div 1=?$
Ans
$\times 1.38$

- 2.49
$\times 3.44$
$\times 4.31$
Q. 16 Select the figure from the options that can replace the question mark (?) and complete the pattern.


Ans
$\times 1$.

$\checkmark 2$.

$\times 3$

$\times 4$

Q. 17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: All black are green and no green is red.
Statement II: All red are pink.

Conclusion I:All black are pink.
Conclusion II: Some green are pink.
Ans
Х 1. Only conclusion II follows.
2. Neither conclusion I nor II follow.

X 3. Only conclusion I follows.
X 4. Both conclusions I and II follow.
Q. 18 In a certain code language, '524' means 'are you fine', '785' means 'you come home' and '6271' means 'we are at home'. What is the code for 'come home' in the same language?
Ans
$\times 1.28$
$\times 2.91$

- 3.87
$\times 4.54$
Q. 19 In a certain code language, 'WORLD' is written as 'CUXRJ' and 'SMOKE' is written as 'YSUQK'. How will 'INDIA' be written in that language?

Ans
X 1. OSJOG
X 2. OTKOG
, 3. OTJOG
$\times 4.0 T J O H$
Q. 20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: All leopards are cheetahs.
Statement II: No cheetah is a cat.
Conclusion I: Some cats are leopards.
Conclusion II: Some cats are cheetahs.
Ans
X 1. Only conclusion II follows.
2. Neither conclusion I nor II follows.

X 3. Only conclusion I follows.
X 4. Both conclusions I and II follow.
Q. 21 Select the figure from the given options that can replace the question mark (?) in the following series.

Q. 22 What will come in the place of '?' in the following equation, if ' + ' and ' $x$ ' are interchanged and also ' - ' and ' $\div$ ' are interchanged?
$42+6-3 \times 15 \div 5=?$
Ans

- 1.94
$\times 2.85$
$\times 3.63$
$\times 4.74$
Q. 23 Seven people Pravin, Rahul, Shikhar, Tirtha, Uday, Vinay, and Wasim are sitting in a straight row facing North. Rahul is sitting second left to Tirtha. Tirtha is sitting third left to Wasim. Rahul and Shikhar are not sitting at either of the corners. Uday is the immediate neighbour of Vinay. Vinay is sitting second left from the right corner. Who is sitting to the immediate left of Rahul?

Ans
X 1. Uday
X 2. Tirtha
X 3. Vinay
4. Pravin
Q. 24 Select the number from the given options that can replace the question mark (?) in the following series.

13, 17, 19, 23, 29, ?
Ans
$\times 1.53$
$\times 2.37$

- 3.31
$\times 4.43$
Q. 25 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

ACID : IDAC :: CAMP : MPCA :: TRAY : ?
Ans
X 1. AYRT
X 2. YRTA
$\times$ 3.ARTY
4. AYTR

Section : Numerical Aptitude
Q. 1 The circumference of a circle is equal to the perimeter of an equilateral triangle. If the radius of the circle is 84 cm , then what will be the length of each side of the equilateral triangle? [Use $\pi=\frac{22}{7}$ ]

Ans
X 1.192 cm
2. 176 cm
$\times 3.172 \mathrm{~cm}$
X4. 184 cm
Q. 2 If the salary of A is $12 \%$ more than that of B , then by what percentage is the salary of B less than that of A ? [Give your answer correct to 1 place of decimal.]

Ans
X1.13.7\%
$\times 2.12 .7 \%$
X 3.11.7\%
4. $10.7 \%$
Q. 3 To make a certain journey, a distance of 10 km is travelled on foot in 3 hours, a distance of 120 km is travelled by car in 3 hours, and a distance of 70 km is travelled by scooter in 4 hours. What is the average speed of the total journey?
Ans
X 1. $50 \mathrm{~km} / \mathrm{h}$
X2. $35 \mathrm{~km} / \mathrm{h}$
X 3. $45 \mathrm{~km} / \mathrm{h}$
4. $20 \mathrm{~km} / \mathrm{h}$
Q. 4 What is the LCM of the fractions $(2 / 3),(8 / 15)$ and $(4 / 27)$ ?

Ans 1. $8 / 3$
X2. $12 / 5$
X3. $3 / 8$
X4. $24 / 7$
Q. 5 What is the value of $[1000+300-\{500 \div 5+100\} \times 4]$ ?

Ans
$\times 1.400$
$\times 2.800$

- 3. 500

X4. 1300
Q. $6 \quad B_{1}$ and $B_{2}$ can do a piece of work together in 8 days, $B_{2}$ and $B_{3}$ can do the same work together in 16 days, while $B_{1}$ and
$B_{3}$ can do it together in 32 days. What percentage of the total work can all the 3 people, working together, do in 4 days?
Ans 1. $43.75 \%$
$\times 2.40 .75 \%$
X 3. $38.5 \%$
X4. $41.25 \%$
Q. 7 The difference between the compound interest and simple interest on a sum of $₹ 2,500$ for 2 years is ₹ 100 . Find the rate of interest per annum, if the nominal rate of interest per annum is the same for both simple and compound interest, and in the case of compound interest, the interest is compounded annually.
Ans
X1. $40 \%$
$\times 2.25 \%$
3. $20 \%$

X4. 12\%
Q. 8 X and Y , working together, can complete a work in 30 days, Y and Z , working together, can complete the same work in 40 days, and Z and X , working together, can complete the same work in 24 days. In how many days can $\mathrm{X}, \mathrm{Y}$ and Z , working together, complete the work?

Ans
X 1.10 days
X2. 5 days
X 3. 15 days
4. 20 days
Q. 9 The ratio of three numbers is $\frac{1}{4}: \frac{5}{6}: \frac{1}{3}$ respectively. If the sum of the numbers is 68 , what is the value of $\frac{1}{3}$ of the first number?

Ans
$\times 1.6$
$\times 2.8$
$\times 3.2$
-4. 4
Q. 10 If an electricity bill is paid before the due date, one gets a reduction of 2 per cent on the amount of the bill. By paying the bill before the due date, Rajiv got a reduction of ₹ 40 and Ravina got a reduction of ₹ $₹ 0$. What is the sum of the electricity bills of Rajiv and Ravina?

Ans
$X 1$. ₹ 4,000
×2. ₹ 2,000

- 3. ₹ 6,000

X4. ₹ 8,000
Q. 11 The value of $\frac{1}{27}$ of $3375+44 \%$ of 2775 is:

Ans
$\times 1.1342$
$\times 2.1349$

- 3. 1346
$\times 4.1351$
Q. 12 The following table shows the number of flowers of different colours in a garden.

| Colour of <br> flower | Number of <br> flowers |
| :---: | :---: |
| Pink | 4 |
| Purple | 6 |
| Blue | 7 |
| Red | 3 |
| Yellow | 8 |

What is the total number of flowers in the garden, except the blue-coloured ones?
Ans
-1. 21
$\times 2.22$
$\times 3.20$
$\times 4.28$
Q. 13 Study the given pie-chart and answer the question that follows.

The pie-chart represents the shares of the number of different flavours of pizzas sold on a random day.

[Figure is drawn to scale.]

Which flavour of pizza is the most ordered one?
Ans

1. Capsicum
$\times$ 2. Onion
X 3. Mushroom
X4. Cheese
Q. 14 In a town, $80 \%$ of the population are adults, of which the population of men and women is in the ratio $2: 3$. If the number of adult men is 1.2 lakh, what is the total population of the town?
Ans
X 1. 2 lakh
X 2. 3 lakh
X 3. 1.5 lakh
2. 3.75 lakh
Q. 15 The following pie chart gives the central angles of the various sectors representing the number of employees in different departments in a company.


The number of employees in the marketing department is what percentage of the number of employees in all the departments taken together?

Ans
X1. $50 \%$
$\times 2.12 .5 \%$
X 3. $20 \%$
4. $25 \%$
Q. 16 If the adjacent sides of a rectangle, whose perimeter is 66 m , are in the ratio $5: 6$, then what will be the area of the rectangle?

Ans

1. $270 \mathrm{~m}^{2}$

X2. $160 \mathrm{~m}^{2}$
X 3. $230 \mathrm{~m}^{2}$
X4. $180 \mathrm{~m}^{2}$
Q. 17 What will be the average of all the even numbers between 11 and 27 ?

Ans
$\times 1.20$
X2. 17.5

- 3. 19

X4. 18
Q. 18 In what time will ₹ 13,000 lent at 4 per cent per annum on simple interest amount to ₹ 13,780 ?

Ans

1. 1 year 6 months
$\times$ 2. 2 years 6 months
$X$ 3. 2 years 3 months
X4. 1 year 5 months
Q. 19 The lengths of the diagonals of a chombus are 16 cm and 30 cm , respectively. What is the perimeter of the rhombus?

Ans

1. 68 cm
$\times 2.76 \mathrm{~cm}$
$\times 3.72 \mathrm{~cm}$
X4. 80 cm
Q. 20 The price of tomato increases by $10 \%$. The consumption of tomato decreases by $15 \%$. What is the percentage change in the expenditure on tomatoes?

Ans
X 1. $8 \%$ decrease
$\times 2.7 .5 \%$ decrease

- 3. $6.5 \%$ decrease

X4. $7 \%$ decrease
Q. 21 A milkman purchases milk at ₹'a' per litre and sells it at ₹ 1.5 a per litre. Still he mixes 2 litres water with every 9 litres of pure milk. What is his profit percentage?
Ans

1. $\frac{250}{3} \%$
$\times 2 . \frac{328}{9} \%$
$\times 3 . \frac{789}{5} \%$
$\times 4 . \frac{1000}{3} \%$
Q. 22 A train 200 m long running, at a speed of $36 \mathrm{~km} / \mathrm{h}$, takes 55 seconds to cross a bridge completely. What is the length of the bridge?

Ans
$\times 1.300 \mathrm{~m}$
$\times 2.375 \mathrm{~m}$
3. 350 m

X4. 320 m
Q. 23 Visitors to a show were charged $₹ 10$ each on the first day, $₹ 5$ on the second day and $₹ 2$ on the third day and the total attendance on the three days was in the ratio $15: 2: 3$. What is the average charge per person for the visitors to the show on the three days taken together?
Ans

1. ₹ 8.30
$\times 2$. ₹ 6.80
X 3. ₹ 7.50
X4. ₹ 20.00
Q. 24 By selling 120 mangoes, a shopkeeper gains the selling price of 20 mangoes. Find his profit percentage.

Ans

1. $20 \%$
$\times 2.25 \%$
X 3. $10 \%$
X4. 12\%
Q. 25 The average of a set of fifteen numbers is 12 . If 7 is added to each of the numbers in the given set, then what will be the new average?

Ans
$\times 1.84$
$\times 2.105$

- 3. 19

X4. 22
Q. 1 What is a common term used to measure poverty based on the income or consumption levels?
Ans
Х 1. Vulnerability
X 2. Social exclusion
3. Poverty line
4. Poverty estimates
Q. 2 In which of the following states is the Panna National Park located?

Ans
$\times 1$. Odisha

- 2. Madhya Pradesh

X 3. Tamil Nadu
(4. Meghalaya
Q. 3 As announced in the Union Budget of FY 2022, how many pilot projects are to be set up for coal gasification?
Ans

- 1.4
$\times 2.8$
$\times 3.2$
$\times 4.6$
Q. 4 Which of the following pairs of autobiography and its author is INCORRECT?

Ans
X 1. Unbreakable - Mary Kom
2. The Test of My Life - Kapil Dev

X 3. Playing It My Way - Sachin Tendulkar
X 4. Ace Against Odds - Sania Mirza
Q. 5 India won eight Olympic gold medals in which sport till 2020?

Ans $\times 1$. Boxing
$\times 2.10 \mathrm{~m}$ air rifle
X 3. Wrestling
4. Field hockey
Q. 6 Who launched the International Air Connectivity Scheme (IACS) in 2022?

Ans $\times 1$. Sachin Pilot
2. Jyotiraditya Scindia

X 3. Amit Shah
4. Suresh Prabhu
Q. 7 The Moatsu Festival is a time of great rejoicing as the planting season comes to an end. It is celebrated by the Ao tribes of $\qquad$ -.

Ans
X 1. Manipal
$\times 2$. Meghalaya
X 3. Arunachal Pradesh
4. Nagaland
Q. 8 $\qquad$ धातुओं का वह गुण है जिसके कारण उन्हें खींचकर पतले तार बनाए जा सकते हैं।
Ans $\times 1$. आघातवर्धनीयता
$\times 2$. वाहकता
3. परिष्करण
4. तन्यता
Q. 9 No person can disrespect the National flag, Constitution of India and the National Anthem under the $\qquad$ Act.
Ans
$X 1$. Factoring Regulation
X 2. Armed Forces Tribunal
3. Prevention of Insults to National Honour

X 4. Whistle Blowers Protection
Q. 10 In which year did Mahatma Gandhi lead the Champaran movement against the indigo planters?
Ans
X1. 1915
$\times 2.1918$

- 3.1917
$\times 4.1916$
Q. 11 Rukmini Devi Arundale was associated with which classical dance of India?

Ans
$X$ 1. Sattriya
X 2. Kathak
3. Bharatanatyam

X 4. Kuchipudi
Q. 12 The number of deaths per thousand persons in a year is known as $\qquad$ .
Ans
$X 1$. gross reproduction rate
$X 2$. crude rate
$\times 3$. birth rate
4. death rate
Q. 13 A traditional basketball team has 12 players, with $\qquad$ basketball players on the court at any given time.
Ans
$\times 1.7$
$\times 2.4$
$\times 3.6$
*. 5
Q. 14 Which state is the leading producer of cotton in India, as of April 2022?

Ans

1. Gujarat
$X$ 2. Telangana
X 3. Karnataka
X 4. Madhya Pradesh
Q. 15 Which of the following statements is correct about endoplasmic reticulum?
I. It is a large network of membrane-bound tubes and sheets.
II. It is similar in structure to the plasma membrane.

Ans
$X 1$. Only 1
$X$ 2. Only II
X 3. Neither I nor II
4. Both I and II
Q. 16 $\qquad$ was the capital of the Pandya dynasty.
Ans

1. Madurai

X 2. Karur
$X$ 3. Uraiyur
X4. Delhi
Q. 17 Brihadeshwara temple at Thanjavur is one of the largest temples in India and is an example of Dravidian architecture during the $\qquad$ period.
Ans
$X 1$. Chera
2. Chola
$X$ 3. Hoysala
X 4. Pandya
Q. 18 Who among the following Gupta rulers is known as the 'Napoleon of India'?

Ans
X 1. Vishnugupta
$\times 2$. Skandagupta
3. Samudragupta

X 4. Chandragupta I
Q. 19 Who among the following was the first Indian to be selected to the British 'House of Commons' on a Liberal Party ticket?
Ans
X 1. Chandra Shekhar Azad
2. Dadabhai Naoroji

X 3. Bhimrao Ramji Ambedkar
$X 4$. Bhagat Singh
Q. 20 The largest ocean on Earth is $\qquad$ .
Ans
X 1. Arctic Ocean
2. Pacific Ocean

X 3. Atlantic Ocean
X 4. Indian Ocean
Q. 21 To become a member of Rajya Sabha, a person should be a citizen of India and at least
$\qquad$ of age.
Ans 1.30 years
$\times 2.35$ years
$\times 3.28$ years
$\times 4.32$ years
Q. 22 His compositions for blockbusters such as Silsila and Chandni are a manifestation of his musical brilliance. Who is he?
Ans
X 1. Ustad Bismillah Khan
2. Pandit Shivkumar Sharma

X 3. Ustad Zakir Hussain
$\times$ 4. Jagjit Singh

## Q. 23 निम्नलिखित में से कौन महानदी की एक सहायक नदी नहीं है?

Ans

1. इंद्रावती

X2. शिवनाथ
$\times 3$. हसदेव
$\times 4$. तेलन
Q. 24 निम्नलिखित में से कौन वर्ल्ड कोरियोग्राफी अवार्ड 2020 जीतने वाले/ली पहले/ली भारतीय थे/थीं?

Ans
$\times 1$. रेमो डिसूजा
X 2. अपर्णा सतीसन
3. सुरेश मुकुंद
4. बॉस्को-सीजर

## Q. 25 Who among the following is India's richest person as of 6 April 2022?

Ans 1. Mukesh Ambani
X 2. Cyrus Poonawalla
$X$ 3. Shiv Nadar
$\times$ 4. Gautam Adani

## Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Baruipur |
| Exam Date | 19/07/2022 |
| Exam Time | 5:00 PM - 6:30 PM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section : General English

Q. 1 Select the option that can be used as a one-word substitute for the given group of words.

Existing or happening in the same time period
Ans
$X$ 1. Inbred
2. Exemplary
3. Contemporary

X 4. Cosmopolitan
Q. 2 Select the most appropriate synonym of the given word.

Confiscated
Ans

1. Seized

X 2. Marinated
$X$ 3. Acquitted
$\times 4$. Liberated
Q. 3 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Details of the housing / services and allowances / has not been announced yet
Ans
X 1. services and internment
2. Details of the housing
3. No error
4. has not been announced yet
Q. 4 Select the most appropriate option to fill in the blank.

After a long $\qquad$ she finally answered my question.

Ans
X 1. pass
$\times 2$. posse
X 3. paws

- 4. pause
Q. 5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The UAE, along with other/ Gulf states, has been being/ making friendly overtures to Iran.

Ans
Х 1. The UAE along with other
<2. No error
2. Gulf states has been being

X 4. making friendly overtures to Iran
Q. 6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Every other facility can only be enjoyed with the benefit of good health.
Ans
Х 1. being enjoying with
2. No improvement required
$\times 3$. been enjoyed with
4. enjoying for
Q. 7 Select the most appropriate ANTONYM of the given word.

Robust
Ans
Х1. Agile
Х 2. Healthy
3. Weak

X4. Strong
Q. 8 Select the most appropriate ANTONYM of the given word.

Sprightly
Ans

1. Lethargic
$\times 2$. Enthusiastic
Х 3. Durable
X 4. Spiteful
Q. 9 Select the correctly spelt word.

Ans
$X 1$. Indafatigable
$X 2$. Indafetigable
3. Indefatigable
$\times 4$. Indefetigable
Q. 10 Select the most appropriate meaning of the given idiom.

A leopard cannot change its spots
Ans
X 1. It is possible to complete a tedious job
$\times 2$. being ready to do anything is not common
X 3 . Working with full devotion. brings results
4. It is impossible to change who you are
Q. 11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

In some institutions, additional teaching / assistants will hired to / teach high school students.
Ans
X 1. No error
$\times 2$. In some institutions, additional teaching
3. assistants will hired to
$\times$ 4. teach high school students
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

A room in a public building where outdoor clothes or luggage may be left
Ans
X 1. Cemetery
2. Cloakroom

X 3. Courtyard
$\times 4$. Hangar
Q. 13 Select the most appropriate synonym of the given word.

Satiate
Ans
X 1. Pamper
$X$ 2. Culminate
3. Satisfy

X 4. Agitate
Q. 14 Select the most appropriate option to fill in the blank.

The skill of execution is viewed as inseparable from art, and mastery of technical problems is a $\qquad$ for producing expressive interpretations.
Ans
$\times 1$. parasite
$\times$ 2. premonition
X 3. percussion
4. precondition
Q. 15 Select the most appropriate option to fill in the blank.

The prisoners made an elaborate plan to escape $\qquad$ the jail.
Ans
$X 1$ in
$X 2$ 2. by
X 3.for
4. from
Q. 16 Select the most appropriate option to fill in the blank.

I can't $\qquad$ this pain anymore.
Ans
X 1. bier
X 2. boor

- 3. bear
$\times 4$. beer
Q. 17 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I can neither punish him nor reward him for which he have done.
Ans
$\times 1$. what he done
<2. No improvement required
3. what he has done

Х4. which he has did
Q. 18 Select the most appropriate option to fill in the blank.

I can't fit this teddy bear in my almirah. It is so $\qquad$ .

Ans
X1. judicious
X 2. liberal
3. gigantic

X4. petite

## Q. 19 Select the correctly spelt word.

Ans
X 1. Biuldng
$\times 2$. Biulding
Х 3. Buildng
4. Building
Q. 20 Select the most appropriate meaning of the given idiom.

Heart and soul
Ans $\times 1$. Quickly
$X 2$. Suddenly
3. Completely

X 4. Loudly

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Scientists (1) $\qquad$ Oxford University say their experimental coronavirus vaccine (2) ___ been shown in an early trial to prompt a protective immune response in hundreds of $\overline{\text { people who got the shot. British researchers first began testing the vaccine in April in about }}$ 1,000 people, half of (3) $\qquad$ got the experimental vaccine. Such early trials are usually designed only to (4) ___ safety, but in this case, experts were also looking to see what kind of immune response was (5) $\qquad$ .

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
$X 1$. to
$\times 2$ in
X 3 . on
4. at

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Scientists (1) $\qquad$ Oxford University say their experimental coronavirus vaccine (2) been shown in an early trial to prompt a protective immune response in hundreds of people who got the shot. British researchers first began testing the vaccine in April in about 1,000 people, half of (3) $\qquad$ got the experimental vaccine. Such early trials are usually designed only to (4) $\qquad$ safety, but in this case, experts were also looking to see what kind of immune response was (5) $\qquad$ .

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans
$\times 1$. was
$\times 2$. had
$X$ 3. have
4. has

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Scientists (1) $\qquad$ Oxford University say their experimental coronavirus vaccine (2) _ been shown in an early trial to prompt a protective immune response in hundreds of people who got the shot. British researchers first began testing the vaccine in April in about 1,000 people, half of (3) $\qquad$ got the experimental vaccine. Such early trials are usually designed only to (4) $\qquad$ safety, but in this case, experts were also looking to see what kind of immune response was (5) $\qquad$ .

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank number 3.

Ans
$\times 1$. whose
$X$ 2. what
3. whom
$\times 4$. which

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Scientists (1) $\qquad$ Oxford University say their experimental coronavirus vaccine (2)
been shown in an early trial to prompt a protective immune response in hundreds of people who got the shot. British researchers first began testing the vaccine in April in about 1,000 people, half of (3) $\qquad$ got the experimental vaccine. Such early trials are usually designed only to (4) $\qquad$ safety, but in this case, experts were also looking to see what kind of immune response was (5) $\qquad$ -.
SubQuestion No: 24
Q. 24 Select the most appropriate option to fill in blank number 4.

Ans
X1. elevate
$\times 2$. criticise
X 3. dictate
4. evaluate

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Scientists (1) $\qquad$ Oxford University say their experimental coronavirus vaccine (2) been shown in an early trial to prompt a protective immune response in hundreds of people who got the shot. British researchers first began testing the vaccine in April in about 1,000 people, half of (3) $\qquad$ got the experimental vaccine. Such early trials are usually designed only to (4) $\qquad$ safety, but in this case, experts were also looking to see what kind of immune response was (5) $\qquad$ .

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank number 5.

Ans
$X 1$. reduced
2. provoked
$X 3$. sheltered
$\times 4$. lessened

## Section : General Intelligence and Reasoning

Q. 1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
I. No G is H .
II. Some $R$ are $\mathbf{G}$.

Conclusions:
I. Some H are not G.
II. All H are R.

Ans
X 1. Only conclusion II follows
2. Only conclusion I follows

X 3. Neither conclusion I nor II follows
X 4. Both conclusions I and II follow
Q. 2 In a certain code language, 'DISK' is written as 'SIKD', and 'MINE' is written as 'NIEM'. How will 'BOLD' be written in that language?

Ans
$\times 1$. BLOD
$\times 2$. DOLB
X 3.BDOL
4. LODB
Q. 3 In a certain code language, if phone is called laptop, laptop is called kettle, kettle is called refrigerator, refrigerator is called charger, and charger is called cooler, then what is used to store food?
Ans

- 1. Charger
$\times 2$. Laptop
$X$ 3. Refrigerator
X4. Kettle
Q. 4 Select the option in which the given figure is embedded. (Rotation is allowed)


Ans

Q. 5 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans

Q. 6 Select the number from among the given options that can replace the question mark (?) in the following series.

56, 111, 221, 441, 881, ?
Ans $\times 1.1651$
$\times 2.1661$

- 3.1761
$\times 4.1781$
Q. 7 If 'Red’ is called 'Blue', 'Blue’ is called 'White', 'White' is called 'Black', 'Black' is called 'Pink', and 'Pink' is called 'Orange', then what is the colour of milk?
Ans
X1. Pink
$\times 2$ 2. Orange
$\times 3$. White

4. Black
Q. 8 Select the option in which the numbers are related in the same way as are the numbers in the given set.
(146, 102, 58)
Ans
X 1. $(164,120,56)$
5. $(150,106,62)$

X 3. $(168,114,70)$
X4. $(152,108,84)$
Q. 9 Select the option that is related to the fifth alphanumeric-cluster in the same way as the second alphanumeric-cluster is related to the first alphanumeric-cluster and the fourth alphanumeric-cluster is related to the third alphanumeric-cluster.

MNO13 : QRS17 :: PQR16 : TUV20 :: STU19 : ?
Ans
X 1. WXY22
X 2. VWX23
3. WXY23

X 4. VWX22
Q. 10 By interchanging the two numbers 20 and 36 , which of the following equations will be correct?
I. $55+42-36 \times 20 \div 9=17$
II. $20 \div 2 \times 36+81-41=400$

Ans
$X$ 1. Only 1
X 2 . Only II
3. Both I and II

X 4. Neither I nor II
Q. 11 Select the letter-cluster that can replace the question mark (?) in the following series.

GAM, DCJ, AEG, XGD, ?
Ans $\times 1$. VJA
2. UIA
$\times 3$. VIA
X 4. UJA
Q. 12 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans

Q. 13 Among five friends Aman, Baman, Chaman, Karan and Tapan, Chaman is older than only one friend. Tapan is older than Karan. Only two persons are older than Karan. Baman is older than Tapan. Who is the youngest among all the friends?
Ans

1. Aman
$\times 2$. Chaman
X 3. Tapan
X4. Karan
Q. 14 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

68: 4 :: $130: 5$ :: 350 :?
Ans
$\times 1.6$
$\times 2.8$
$\times 3.9$
*. 7
Q. 156 persons A, B, C, D, E and F are sitting in a row facing north (not necessarily in the same order). $A$ is the immediate neighbour of $D$ and $F$. $F$ is the immediate neighbour of $E$ and $A$. $B$ is in the second position from the right end. If $D$ is not at any of the ends, then how many persons are sitting towards the left of $D$ ?
Ans
$\times 1.2$
$\times 2.1$
$\times 3.5$

- 4.3
Q. 16 Which of the numbers (not digits) should be interchanged in the given equation to make it mathematically correct?
$4+6 \times 3-5 \div 2=16$
Ans
- 1.5 and 6
$\times 2.4$ and 6
$\times 3.2$ and 3
$\times 4.5$ and 3
Q. 17 Select the option that will replace the question mark (?) in the given series.

77, 158, 207, 232, 241, ?
Ans

- 1.242
$\times 2.243$
$\times 3.244$
$\times 4.240$
Q. 18 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

RIDE : EIDR :: IDLE : EDLI :: LAMP : ?
Ans
X 1. ALPM
2. PAML
$\times$ 3. PMAL
X4.MPAL
Q. 19 Select the correct mirror image of the given figure when the mirror is placed at line $A B$ as shown.


Ans

Q. 20 Select the option that is related to the third word in the same way as the second word is related to the first word.

Night Blindness : Vitamin A :: Beri Beri : ?
Ans
X 1. Vitamin D
X 2. Vitamin C
2. Vitamin B

X 4. Vitamin A
Q. 21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: Some pastas are pizzas. No pizza is a burger.
Statement II: All burgers are nachos.
Conclusion I: Some pasta being nacho is a possibility.
Conclusion II: All pizza being nacho is a possibility.
Ans

1. Both conclusions I and II follows.

X 2. Neither conclusion I nor II follows.
$X$ 3. Only conclusion I follows.
X 4. Only conclusion II follows.
Q. 22 In a certain code language, 'HOLA' is coded as '16', and 'GRABY' is coded as '25'. How will 'SIX' be coded in that language?

Ans
$\times 1.6$
$\times 2.12$
$\times 3.18$

- 4.9
Q. 23 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 24 Among seven friends $P, Q, R, S, T, U$ and $V ; U$ is taller than only three other friends. $R$ is tallest among all friends. $T$ is taller than $U$. $Q$ is taller than only one person. Only two persons are taller than $P . V$ is taller than $Q$. Who is the shortest among all the friends?
Ans
$\times 2 . \mathrm{U}$
X3.V
$\times 4$. P
Q. 25 Select the figure from the given options that can replace the question mark (?) in the following series


Ans
$\times 2$

$\times 3$.

, 4.


Section : Numerical Aptitude
Q. 1 Ramya lent a certain sum of money at $4 \%$ simple interest to Seema and in 8 years the interest amounted to ₹ 3,400 less
than the sum lent. Find the sum lent by Ramya to Seema.
Ans
X 1. ₹ 3,050
$X 2$. ₹ 6,100
X 3. ₹ 8,200
4. ₹ 5,000
Q. 2 A and B can do a piece of work together in 10 days, $B$ and $C$ can do the same work together in 15 days, while $C$ and A can do the same work together in 20 days. In how many days can $\mathrm{A}, \mathrm{B}$ and C do the same work, working together?
Ans
$\times 1 . \frac{60}{11}$ days
$\times$ 2. $\frac{60}{13}$ days
$\times 3 . \frac{120}{11}$ days
4. $\frac{120}{13}$ days
Q. 3 A survey was conducted to find out which genre of movies people liked the most. 1.200 people answered the survey.

The following pie chart shows the result of that survey.


What is the number of people who liked science fiction?
Ans
$\times 1.100$
2. 200
$\times 3.150$
$\times 4.230$
Q. 4 A person bought an article and sold it at a loss of $15 \%$. If he would have sold it for ₹ 50 more, he could have gained $10 \%$. What was the original cost price of the article?
Ans
X 1. ₹ 260
X 2. ₹ 280
X 3. ₹ 160
4. ₹200
Q. 5 There are a total of 60 students in a class and the ratio of the number of boys to that of the girls is $4: 1$, respectively. If 22 of the boys from this class are vegetarians, then find the number of non-vegetarian boys from the same class.

Ans

1. 26
$\times 2.18$
$\times 3.38$
X4. 28
Q. 6 The male population of a city has increased by $20 \%$ from the previous year, while the female population has increased by $42.5 \%$. If the total population of the city has increased by $30 \%$, then the female population of the city was what percentage of male population in the previous year?

Ans
X1. $60 \%$
2. $80 \%$

X 3. $90 \%$
$\times 4.70 \%$
Q. 715 kg of grapes, in which $90 \%$ of the content was water, were kept in sunlight. In presence of sunlight, the water content reduced to such an extent that now only $85 \%$ of the total weight of the grapes was water. Find the total reduced weight of the grapes.

Ans -1. 10 kg
$\times 2.14 \mathrm{~kg}$
$\times 3.13 \mathrm{~kg}$
X 4.12 kg
Q. 8 The following table shows the marks scored by 2 students in 5 different subjects.

|  | Student 1 | Student 2 |
| :--- | :---: | :---: |
| Subject 1 | 40 | 30 |
| Subject 2 | 48 | 40 |
| Subject 3 | 36 | 35 |
| Subject 4 | 32 | 32 |
| Subject 5 | 44 | 43 |

$\mathrm{N}=$ Total marks of student 1 in subjects 1 and 4 taken together
$M=$ Total marks of student 2 in subjects 3 and 5 taken together
What is the value of $\mathrm{N}: \mathrm{M}$ ?
Ans
-1. $12: 13$
X2. $44: 31$
X 3. $44: 39$
X4.17:19
Q. 9 The value of $30 \%$ of $3000+\sqrt{289}-897$ is:

Ans

1. 20

X 2. -29
X3. 41
X4. 62
Q. 10 The perimeter of an equilateral triangle is equal to the circumference of a circle. If each side of this equilateral triangle is 88 cm long, then what will be the length of the diameter of the circle mentioned above? [Use $\pi=\frac{22}{7}$ ]

Ans
$\times 1.21 \mathrm{~cm}$
X2. 63 cm
3. 84 cm

X4. 42 cm
Q. 11 A sum of $₹ 2,400$ is invested for 4 years at $R \%$ p.a, simple interest and the simple interest received is $₹ 1,152$. Find the amount received after 3 years when the same sum is invested at ( $\mathrm{R}+8$ ) \% p.a, simple interest.

Ans
X1. ₹3,260
X2. ₹ 3,180
X 3. ₹ 2,880

- 4. ₹3,840
Q. 12 The average of 8 numbers is 12 . If a number Y is added to each of these 8 numbers, then the average becomes 16 . What is the value of Y ?
Ans
$\times 1.5$

2. 4
$\times 3.8$
$\times 4.6$
Q. 13 The average of 10 consecutive even numbers is 25 . If the even number just preceding the smallest of the 10 given numbers is also included, then what will be the new average?
Ans
X1. 11
$\times 2.9$
$\times 3.23$
3. 24
Q. 14 A bus starts from a bus station after every 30 minutes in the same direction. The speed of each bus is the same. Z is riding a bike in the opposite direction at a speed of $25 \mathrm{~km} / \mathrm{h}$. Z meets each bus in 20 minutes. What is the speed of each bus?
Ans
4. $50 \mathrm{~km} / \mathrm{h}$
$\times 2.75 \mathrm{~km} / \mathrm{h}$
X 3. $30 \mathrm{~km} / \mathrm{h}$
X $4.60 \mathrm{~km} / \mathrm{h}$
Q. 15

Find the value of: $(13 \times 23)-\sqrt{(758+\sqrt{676}}-\left(49^{2} \times 1 \div 7\right)+15 \times 33$
Ans
$\times 1.413$
$\times 2.403$

- 3. 423
$\times 4.433$
Q. 16 If $(6 \mathrm{x}+5 \mathrm{y}):(6 \mathrm{x}-5 \mathrm{y})=11: 5$, then what is $\mathrm{x}: \mathrm{y}$ ?

Ans

1. $20: 9$
$\times 2.12: 5$
$\times 3.15: 8$
X4.18:11
Q. 17 A train can cover a certain distance in 3 hrs . If the track management is improved, an increase in the speed of the train by $10 \mathrm{~km} / \mathrm{h}$ is possible, which can reduce the above journey time by 30 minutes. Find the initial speed of the train.

Ans
$\times 1.60 \mathrm{~km} / \mathrm{h}$
X 2. $80 \mathrm{~km} / \mathrm{h}$
3. $50 \mathrm{~km} / \mathrm{h}$

X4. $65 \mathrm{~km} / \mathrm{h}$
Q. 18 In an election between two candidates, one got $60 \%$ of the total valid votes, and $10 \%$ of the votes were invalid. If the total number of votes cast were 10800 , what was the number of valid votes for the other candidate?
Ans
$\times 1.5832$
$\times 2.4898$

- 3. 3888
$\times 4.4820$
Q. 19 The following bar graph shows the percentage increase in the price of crude oil on different days of a given week compared to its price on the previous day.


If the price of crude oil at the end of Friday was $₹ 44,800$ per barrel, then what was the price (per barrel) of crude oil at the end of Thursday?

Ans
$X 1$. ₹ 44,000
$\times 2$ ₹ ₹ 42,000
X 3. ₹ 42,500

- 4 ₹ 40,000
Q. 20 A work can be completed by X men in 15 days. 10 more men join them after 3 days. The remaining work is now completed in 8 days. What is the value of X ?

Ans
X1. 16
2. 20
$\times 3.12$
$\times 4.24$
Q. 21 A dealer bought an item at a discount of $10 \%$ on its original price. He sold it for an amount $35 \%$ more than the original price. What percentage of profit did he get?

Ans
$\times 1.42 .5 \%$
2. $50 \%$

X 3. $62.5 \%$
X4. 57.5\%
Q. 22 Find the largest number with which when 394 and 658 are divided, they leave remainders of 1 and 3 , respectively.

Ans
$\times 1.143$
$\times 2.141$
$\times 3.133$
-4. 131
Q. 2340 chairs are bought at the marked price of 36 chairs. If these 40 chairs are sold after giving a discount of $1 \%$, then find the profit percentage?

Ans $\times 1.7 .25 \%$
$\times 2.5 \%$
X 3. $12.5 \%$
4. $10 \%$
Q. 24 The length of a rectangle is 5 times of its breadth. If the breadth is 10 cm , then what is the perimeter of the rectangle?

Ans
X1. 60 cm
X2. 110 cm
3. 120 cm

X4. 95 cm
Q. 25 Find the length of the diagonal of a closed cube whose total surface area is $96 \mathrm{~m}^{2}$.

Ans
$\times 1.8 \sqrt{3} \mathrm{~m}$
2. $4 \sqrt{3} \mathrm{~m}$

X3. $2 \sqrt{3} \mathrm{~m}$
$\times 4.4 \mathrm{~m}$
Q. 1 What are the projections of varying lengths protruding out of an amoeba's body, which can appear and disappear, known as?
Ans
$\times 1$.

1. Contractile vacuole
2. Paramecium
3. Pseudo vacuole
4. Pseudopodia
Q. 2 What is the minimum age to become Rajya Sabha member?

Ans
$\times 1.20$ years
$\times 2.25$ years
X 3.35 years
4. 30 years
Q. 3 Who among the following former governors of the Reserve Bank of India (RBI) was appointed as the Vice-President of The Asian Infrastructure Investment Bank (AIIB) in January 2022?

Ans

1. Urjit Patel
2. Raghuram Rajan
3. YV Reddy
4. D Subbarao
Q. 4 Who among the following musicians has won the Bharat Ratna Award?

Ans
X 1. Ram Narayan
2. Ustad Bismillah Khan
$\times$ 3. Hariprasad Chaurasia
X 4. Ustad Ali Akbar Khan

## Q. 5 By maternal descent, Mughals were descendants of ?

Ans $\times 1$. Timur
X 2. Alexander
3. Genghis Khan

X4. Galba
Q. 6 Gochi festival is an Indian festival majorly celebrated in $\qquad$ -.
Ans $\times 1$. Chhattisgarh
X 2. Goa
3. Himachal Pradesh

X 4. Karnataka

Question ID : 26433047021
Status : Not Answered
Chosen Option : --
Q. 7 Who set up the Asiatic Society of Bengal?

Ans
X 1. James Mill
2. William Jones

X 3. Robert Clive
$X$ 4. Warren Hastings
Q. 8 In which year was the first ICC men's Cricket World Cup played?

Ans
X 1.1977
X2. 1974
X 3.1976

- 4.1975
Q. 9 Which of the following factors does NOT affect the formation of soil?

Ans $\times 1$. Climate
$\times$ 2. Parent material
3. Landslides

Х 4. Topography
Q. 10 The Barabati Fort is situated in the city of.

Ans $\times 1$. Guwahati

- 2. Cuttack

X 3. Madurai
(4. Raipur
Q. 11 Which of the following elements of the periodic table has atomic number 1 ?

Ans

1. Hydrogen
$\times 2$. Cobalt
X 3. Copper
$\chi$ 4. Nitrogen
Q. 12 'Ace Against Odds' is the autobiography of which of the following persons?

Ans
X 1. Vijay Amritraj
2. Sania Mirza

X 3. Leander Paes
X 4. Mahesh Bhupathi
Q. 13 Which famous Bharatanatyam dancer was awarded with the Padma Bhushan in 1957 and Padma Vibhushan in 1977? Bengali film director Satyajit Ray made a documentary on her.
Ans
X 1. Ileana Citaristi
2. Tanjore Balasaraswati

X 3. Saroj Khan
X 4. Kumari Kamala
Q. 14 Zoroaster was a/an $\qquad$ prophet.

Ans $\times 1$. Indian
2. Chinese
3. British
4. Iranian
Q. 15 The word agriculture is derived from the Latin words ager and culture. What does 'ager' mean?

Ans
Х1. Rocks
2. Soil

X 3. Water
$\times 4$. Plants
Q. 16 Who founded Shantiniketan near Bolpur on 22 December 1901?

Ans $\quad$ 1. Dr Rajendra Prasad
2. Rabindranath Tagore

X 3. Durgabai Deshmukh
X4. Gopal Krishna Gokhale
Q. 17 What is the total number of India's neighbouring countries?

Ans
X1. Twelve
$\times 2$. Six
X 3. Eight
4. Nine
Q. 18 Which Indian city will host the 2023 International Olympic Committee session?

Ans $\times 1$. Chennai
X 2. Pune
3. Mumbai

Х4. Bengaluru
Q. 19 Which state has the highest reserves of graphite in India, as of April 2022?

Ans $\times 1$. Maharashtra
2. Arunachal Pradesh

X 3. Karnataka
(4. Chhattisgarh
Q. 20 Which of the following is NOT a feature of parliamentary government in India?

Ans $\times 1$. Membership of the ministers in the legislature,
2. Undissolvable lower house
3. Presence of nominal and real executives
4. Collective responsibility of the executive to the legislature
Q. 21 In India, the second census of the 21 st century was conducted in $\qquad$ -.
Ans
$\times 1.2014$

- 2.2011
$\times 3.2004$
$\times 4.2009$
Q. 22 Who among the following legendary Kathak dancers passed away in January 2022?

Ans

1. Pandit Birju Maharaj

X 2. Pandit Lachhu Maharaj
X 3. Pandit Ravi Shankar
Х4. Pandit Durga Lal
Q. 23 Baking soda is the common name of $\qquad$ .

Ans
$\times 1$. citric acid
2. tartaric acid
3. sodium bicarbonate
4. ammonium hydroxide

## Q. 24 Since which year has the AFSPA been started?

Ans $\times 1.1949$
$\times 2.1952$

- 3.1958

X4. 1955
Q. 25 Jagoi and Cholom are the two main divisions of ?

Ans $\times 1$. Bharatanatyam
$\times 2$. Odissi
3. Manipuri

X 4. Kathak

